In the Specification

Please amend the specification as set forth below.

Please amend the paragraph at page 7, lines 11-20 as set forth below:

The region containing the SNP's was PCR amplified using the primers SP-A2 F (SEQ. ID No.~~1~~ 4) and SP-A2 R (SEQ. ID No. ~~2~~ 3). Approximately 100 ng of genomic DNA was amplified in a 50 .mu.l reaction volume containing a final concentration of 5 mM Tris, 25 mM KCl, 0.75 mM magnesium chloride (MgCl2), 0.05% gelatin, 20 pM of each primer and 1.5 U of Taq DNA polymerase. Samples were denatured at 95°C. for 5 min followed by 30 cycles of denaturation (95°C. for 1 min), annealing (70°C., 1 min), extension (72°C., 1 min) and a final extension of 7 min at 72°C. in a Perkin Elmer Gene Amp PCR System 9600. The PCR product was purified from band cut out of the agarose gel using QIA Quick gel extraction kit (QIAGEN) and was directly sequenced using dye terminator chemistry on an ABI Prism 377 automated DNA sequences with the PCR primers.

Kam 7/5/07

Please amend the paragraph at page 8, lines ~~12-14~~ 15 17 as set forth below:

In an embodiment, the primers suitable for amplification of SP-A2 gene region containing the polymorphic sites 1649 and 1660, which may consist of SEQ ID No.~~1~~ 4, SEQ ID No. ~~2~~ 3, & compliments thereof or any other pair of suitable primers.

Kam 7/5/07

Please amend the paragraph at page 8, lines ~~17-20~~ 20-23 as set forth below:

Further, the invention provide a diagnostic kit for the detection of SNP haplotypes G/C or A/G comprising primers, suitable for amplification of SP-A2 gene region containing the polymorphic sites 1649 and 1660 and may consist of SEQ ID No.~~1~~ 4, SEQ ID

No. ~~2~~ 3, & compliments thereof or any other pair of suitable primers.

Please amend the paragraph at page 8, lines ~~23-25~~ 26-28 as set forth below:

In an embodiment of the invention, primers suitable for amplification of SP-A2 gene region containing one or more polymorphic sites are provided, said primers SEQ ID No.~~1~~ 4, SEQ ID No. ~~2~~ 3, & compliments thereof or any other pair of suitable primers.

Please amend Table I on page 9 as set forth below:

Table-I

Primers	Location	S/ AS	Nt. Position	Sequence
SEQ ID No. ~~1~~ 4 (SP-A2 F)	Exon 4	S	1602-1631	5' TGCCTCGTCCGCATTCACCCTTC AGAC TGC 3'
SEQ ID No. ~~2~~ 3 (SP-A2 R)	Intron 4	AS	1980-2009	5' TGCCTGGAGCCCCTGGTGTCCCT GGAGAGC 3'

Please amend the paragraph at page 10, lines 1-3 as set forth below:

Invention also provides oligonucleotide sequences (as listed in SEQ ID NO. ~~1-2~~ 4-3, Table-I), suitable for use as allele specific primers for the detection of polymorphic sites listed in table-II.

Kam 7/5/07

Please amend the paragraph at page ~~13~~ 14, lines ~~15-18~~ 11-13 as set forth below:

The invention further provides diagnostic kit, comprising primers suitable for amplification of SP-A2 gene region containing one or more polymorphic sites are provided, said primers SEQ ID No.~~1~~ 4, SEQ ID No. ~~2~~ 3, & compliments thereof or any other pair of suitable primers.

Kam 7/5/07

Please amend the paragraph at page ~~13~~ 14, line ~~25~~ 17 – page ~~14~~ 15, line ~~4~~ 5 as set forth below:

This example describes the identification of allelic variant of human surfactant protein A2 gene by PCR and sequencing using certain oligonucleotide primers. According to the invention DNA was extracted from human peripheral blood leukocytes using a modification of salting out procedure. The concentration of the DNA was determined by measuring the optical density of the sample, at a wavelength of 260 nm. The DNA was then amplified by PCR by using the oligonucleotide primers:
5' TGC CTG GAG CCC CTG GTG TCC CTG GAG AGC 3'
(SEQ. ID. No. ~~1~~ 4)
(Forward)
5' TGC CTC GTC CGC ATT CAC CCT TCA GAC TGC 3'
(SEQ. ID. No. ~~2~~ 3)
(Reverse).

Please amend the sentence at page 15, line 22 as set forth below:

Provided below is sequence listing information for SEQ ID Nos: ~~1~~ 4 and ~~2~~ 3.